DIXON ZERO TURNING RADIUS MOWERS

OPERATOR'S MANUAL

IMPORTANT

The Dixon ZTR mower is both easy and fun to operate. However, any power mower must be operated properly to be safe. It is not a toy or a recreational vehicle. Before you start to use the mower, read the operator's manual carefully, and become completely familiar with the controls. Your Dixon dealer will gladly provide a check-out ride, and answer any questions.

READ CAREFULLY

You have purchased a top quality lawn mower that has been carefully inspected and adjusted at the factory. This lawn mower is warranted for 1 year from date of delivery against all defects in materials and workmanship. Lawn mowers used for commercial service are warranted for 30 days from date of delivery. SEE YOUR DEALER FOR WARRANTY SERVICE OR PARTS.

ONE-YEAR LIMITED WARRANTY

This lawn mower is warranted for one (1) year from date of delivery against all defects in materials and workmanship. Lawn mowers used for commercial service are warranted for 30 days from date of delivery. (Lawn mowers other than those used only at residence of owner are considered as commercial service.)

Each new mower is warranted against manufacturing defects in material and workmanship under normal use and service. Our obligation, under this warranty, shall be limited to the replacement to the original retail purchaser of any part or parts, which, within the warranty period, shall be shown to be defective due to faulty workmanship or materials at the factory. All parts claimed defective must be returned to the factory for inspection, repair, or replacement with transportation charges prepaid.

This warranty does not apply to damage in transit or damage caused by misuse, negligence or accident, to alterations or repairs done outside the factory or by authorized service dealers, nor does it obligate us to assume any transportation charges in connection with the replacement of parts claimed to be defective.

Our warranty does not apply to the blades or belts on our mowers due to the very nature of the function they perform and to the elements they are exposed to.

The warranty specifically excludes engines and tires which are warranted separately by their respective manufacturers. All claims for defective engines or engine parts must be made in accordance with the engine manufacturer's warranty.

We reserve the right to make changes in design and changes or improvements on our product without imposing any obligation upon ourselves to install the same on products heretofore manufactured.

This warranty is null and void if any parts other than original manufacturer's parts are used. There is no other express warranty.

IMPLIED WARRANTIES, including those of merchantability and fitness for a particular purpose, are limited to one (1) year from purchase and, to the extent permitted by law, any and all implied warranties are excluded.

SERIAL NUMBERS

The lawn mower has three serial numbers:
Mower Number — Located on frame at right rear transaxle mount. Transaxle Number — Located on transaxle. Engine Number — Located on engine. When referring to serial number on Warranty Registration, etc., use Mower Serial Number located on frame.

SAFETY INSTRUCTIONS

BEFORE MOWING

1. Read these Safety Instructions and engine manufacturer's operating and maintenance instructions that are furnished with the mower.
2. Discuss proper maintenance with your Dixon dealer, to save money and prevent injury. Consult your dealer before removing any parts.
3. Don't allow anyone to operate your Dixon mower without proper instruction. Never allow young children to operate this mower.
4. Before mowing, pick up all debris — particularly stones and sharp objects.
5. Before starting the engine, make sure the gas cap is in place. **DURING MOWER**

OPERATION

1. The revolutionary Dixon mower attracts many admiring neighbors. But when mowing, all persons — especially children — and pets should be cleared from the mowing area.
2. Wear appropriate, safe clothing when mowing — close-fitting jeans or slacks and heavy leather or safety shoes with rough soles. Never operate this mower with bare feet or open sandals.
3. When grass is wet or slippery, do not use any riding mower.
4. Always mow at the slowest speed that will cut satisfactorily.
5. Keep hands and feet away from the blade at all times.
6. Although the Dixon mower is equipped with a missile deflector, keep persons clear of the discharge chute. Do not operate mower unless deflector is in place.
7. When mowing hills or slopes, use extreme caution. Reduce speed, do not make sudden starts, stops, or turns.
8. Always disengage blades before taking the mower across walks or objects that project above the surface.
9. When the mower is not in use, turn the engine off; never leave the engine running unattended. Your Dixon mower is equipped with a weight-sensitive switch that kills the engine when operator leaves the seat while blades are engaged. Test this important safety feature before each time mower is used. This may be done by starting engine, engaging blades and then rising slightly from seat. If engine does not stop, see your dealer for necessary repair.
10. Before adjusting your mower or adding fuel, turn the engine off. Let it cool, and disconnect the spark plug so the engine cannot start by accident. Be sure all moving parts are stopped.
11. Never run the engine indoors: the fumes are dangerous.
12. Before backing your Dixon mower, stop, turn around, and look.
13. Gasoline fumes are explosive; use only approved gasoline containers to store small amount of fuel. No special oil/gas mixtures are needed for your Dixon mower.
14. If the mower should start vibrating, stop the engine immediately and check for damage or loose parts. Vibration is usually the warning of trouble.
15. Never lift lawn mower by the body; lift only by the frame.
16. Never carry passengers.

ALWAYS SET PARKING BRAKE AND DISENGAGE BLADE OPERATION BEFORE

IMPORTANT OPERATING INSTRUCTIONS

DIXON ZTR mowers offer a new concept in mowing, providing unique maneuverability and ease. The following procedures will allow one to become familiar with the unique method of control.

1. SET PARKING BRAKE — Be sure that drive levers are free and in the neutral position. (When drive levers are released, they should return to neutral position.)
2. "Blade Operation" lever is to be set in the "Disengage" position.
3. Move throttle control to "Choke" position.
4. To start models with electric starting, simply insert ignition key and turn to "START" position. When the engine starts, release the ignition key and it will return to the "RUN" position. Move throttle from choke to slow position. To stop the engine simply turn the key to the "OFF" position.
   NOTE: Some electric start models are also equipped with manual start provision. To start engine manually turn switch to "RUN" and pull the starter rope.
5. Set engine to desired speed by adjusting throttle control. (Suggest set at slow speed during initial operation.)
6. NOTE SAFETY FEATURE: Safety switches stop engine when operator leaves seat while blades are engaged, and engine cannot be restarted when blades are engaged. OPERATOR SHOULD TAKE PRECAUTIONS AND NOT RELY ON SAFETY SWITCHES.
7. This unit is equipped with a unique transaxle that requires only two drive levers to control braking, turning, direction and acceleration. **TO GO FORWARD**
   From neutral position gently push both drive levers forward; to increase speed move levers further forward.

TO GO BACKWARD
From neutral position gently pull both drive levers rearward.

TURNING
Turning is controlled by moving one drive lever slightly forward or rearward of the other. To turn left, move left lever rearward of right lever. To turn "square corners" move lever of desired direction to neutral. To turn on mower's own axis (Zero Radius) reduce speed and move one lever to reverse position and the other to forward position. **BRAKING**
To brake mower, move both levers in direction opposite of travel, release levers to neutral, set parking brake. When stopping on incline, it may be necessary to hold slight pressure on levers in direction opposite of slope, until parking brake is set.

ALWAYS SET PARKING BRAKE BEFORE DISMOUNTING.

INITIAL OPERATION
It is recommended that first operation of mower be done at a slow throttle setting with mower blades disengaged until operator is thoroughly familiar with the unit. **You may have tendency to "over control" mower at first. Slight movements — fingertip control — is all that's necessary for easy operation.**

8. Mower Blade operation:
   - Cutting height is set by positioning the adjustment lever. Push button knob on top of lever, set desired cutting height, lock in to position by releasing button knob.
   - To start mower blades, move lever on floor slowly to "engage" position. To stop mower blades, move lever to "disengage" position.

ALWAYS DISENGAGE BLADE OPERATION BEFORE DISMOUNTING.

9. Parking Brake:
   The parking brake is hand operated and is located at right hand side of mower. To engage brake, pull lever up and to the rear. To release, move lever forward and down. In emergency situations, brake may be used in conjunction with the natural braking of the transaxle. Always set parking brake before dismounting. Be sure that parking brake is released before moving.

MAINTENANCE

BEFORE PERFORMING ANY MAINTENANCE, SHUT OFF ENGINE, ALLOW TO COOL AND DISCONNECT SPARK PLUG.

ENGINE

For complete engine operating and maintenance information, refer to engine operating and maintenance instructions furnished by the engine manufacturer and supplied with each mower.

BATTERY

Fill with electrolyte solution to lower ring of battery. After initial filling, fluid level may be maintained with distilled water.

Procedure for off-season storage:

1. Charge battery.
2. Disconnect cables from battery terminals. Identify cables so that they may be easily reconnected to the correct terminal. (Disconnect ground cable first and reconnect last.)
3. Clean top of battery and terminals.
4. Do not remove battery from mower.
5. To reactivate, reconnect cables to correct terminals and charge battery if needed.

BELT ADJUSTMENT

The best tension for a V-belt drive is the lowest tension at which the belts will not slip under normal load condition. Check the tension on a new belt frequently during first hours of operation and every 10 - 15 hours or monthly thereafter. Too much tension shortens belt and bearing life. Too little tension causes slippage and loss of power. Be sure that belts and pulleys are kept free of foreign material. If belt slippage occurs, tighten it just enough to prevent slippage.

TRANSAXLE DRIVE BELT

No adjustment necessary; the spring-loaded idler pulley maintains proper belt tension throughout the belt life.

MOWER DRIVE BELT ADJUSTMENT

See Technical Data Brochure.

REPLACE BELTS WHEN ADJUSTMENT CAN NO LONGER BE MADE SATISFACTORILY OR IF BELTS BECOME WORN.

DRIVE CHAIN

When properly adjusted, the slack span at the mid-point of the chain should have a total possible movement perpendicular to the chain of about 9/16". Replace chain when rollers become loose, chain breaks, or chain fails to operate properly.

Proper lubrication is important for effective roller chain operation. Use high quality lubricating oil (do not use grease or extra heavy oil) and apply drops of oil to the chain joints every 10-15 hours of operation.

FRONT CASTER ASSEMBLY

Each caster assembly has a grease fitting located on the under side of the bearing. For best results, use any good multipurpose grease every 10 - 15 hours of operation.

All other bearings on your mower are sealed and require no lubrication.

WHEELS AND TIRES

Correct tire pressure is essential to the correct operation of the machine. The correct pressure for the rear drive tires is 8-10 lbs. for size 18 x 9.50-8 and 12-14 lbs. for size 16 x 6.50-8 tires. The front tires should be inflated to 20-24 lbs. Lug nuts should be checked periodically to assure they are tight.

ELECTRICAL SYSTEMS

Keep all connections clean and tight. Maintain the fluid in the battery at correct level.

BODY

The body may be washed with a mild detergent and waxed with any automotive type wax.

TRANSAXLE

For adjustment or repair confer with authorized Dixon dealer service department. Adjustment or repair by other than authorized dealer voids warranty.

PARTS / SERVICE

See your dealer for replacement parts, warranty or any service. For further information concerning specific models, see the Technical Data Brochure that is included in owner's packet.

OWNER INFORMATION

Date Mower Purchased^ _____ .Mower Model Number _____

Mower Purchased from _____
dealer name & address

Mower serial number _____ Transaxle Serial Number _____

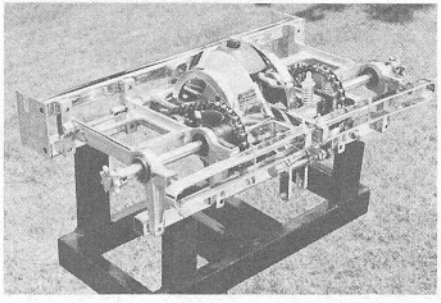
Oil changed this date:

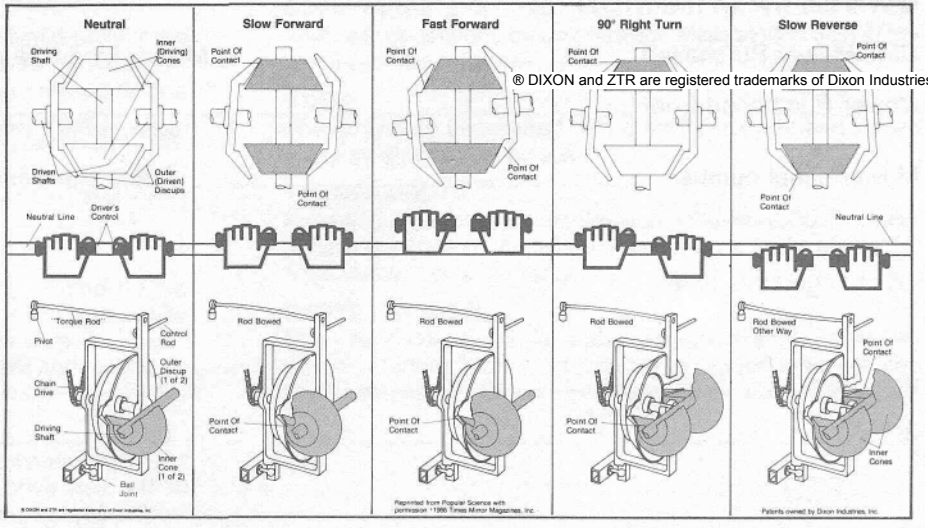
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

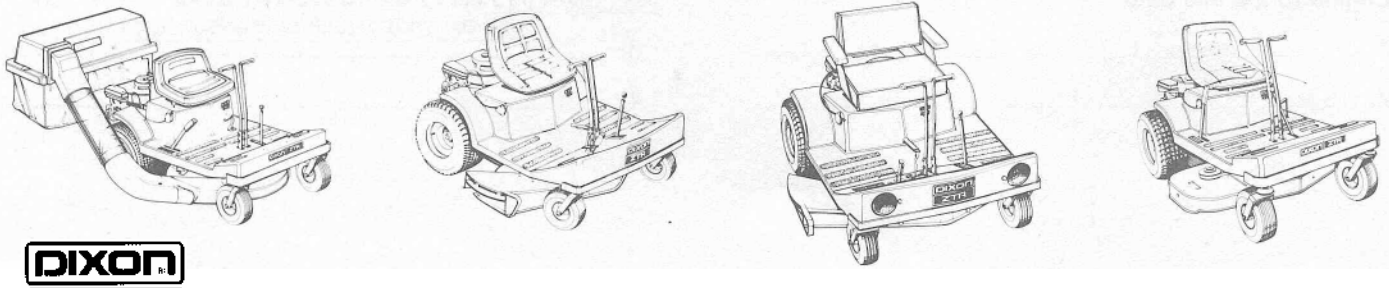
Engine tuned this date:

1. _____
2. _____
3. _____
4. _____

The Amazing Transaxle!







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